

Water Quality Characteristics by Water Quality Zone

April 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	197	197	33.2	173	220	2	17%
	2	134	140	19.9	103	158	10	15%
	3	127	105	43.6	91	206	12	34%
	4	89	89	6.6	75	97	8	7%
	5	106	101	13.7	87	138	12	13%
	6	108	110	12.5	86	119	6	12%
	7	108	108	20.6	81	150	9	19%
	8	121	114	17.4	105	144	6	14%
	9	109	97	33.9	77	161	6	31%
	10	80	80	1.5	79	82	3	2%
	System Wide	115	107	30.9	75	220	74	27%
TDS ppm	1	426	444	101.3	188	538	10	24%
	2	299	314	32.0	239	330	25	11%
	3	306	266	100.8	185	515	34	33%
	4	223	205	47.3	194	399	25	21%
	5	241	235	24.4	184	305	38	10%
	6	231	235	22.8	180	279	28	10%
	7	217	211	23.3	168	298	29	11%
	8	293	269	58.7	224	422	21	20%
	9	298	296	94.1	218	664	23	32%
	10	221	220	2.5	218	227	13	1%
	System Wide	266	242	75.4	168	664	246	28%
Sodium ppm	1	53	53	3.5	50	55	2	7%
	2	45	46	2.7	41	49	10	6%
	3	43	46	12.8	25	62	12	29%
	4	32	32	3.9	28	41	8	12%
	5	36	35	6.1	27	44	12	17%
	6	31	32	3.1	26	35	6	10%
	7	28	27	7.8	12	39	9	28%
	8	43	42	2.0	40	45	6	5%
	9	48	45	10.3	41	68	6	21%
	10	42	42	1.5	41	44	3	4%
	System Wide	39	41	9.8	12	68	74	25%

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<i>pH units</i>	1	7.5	7.5	0.28	7.2	8.2	10	4%
	2	7.9	7.9	0.08	7.8	8.1	25	1%
	3	7.8	7.8	0.18	7.4	8.4	34	2%
	4	7.9	7.8	0.10	7.7	8.2	25	1%
	5	7.7	7.8	0.33	7.0	8.2	38	4%
	6	7.7	7.9	0.32	7.0	8.2	28	4%
	7	7.8	7.8	0.20	7.3	8.2	29	3%
	8	7.9	7.9	0.15	7.6	8.2	21	2%
	9	7.9	7.9	0.22	7.2	8.2	23	3%
	10	8.1	8.1	0.15	7.8	8.2	13	2%
	System Wide	7.8	7.9	0.25	7.0	8.4	246	3%
<i>Chlorine ppm</i>	1	0.9	0.9	0.12	0.8	1.1	10	13%
	2	1.0	1.0	0.06	0.9	1.1	25	6%
	3	0.9	0.9	0.25	0.5	1.8	34	28%
	4	0.9	0.9	0.11	0.8	1.3	25	12%
	5	0.9	0.9	0.14	0.6	1.2	38	16%
	6	0.9	0.9	0.16	0.6	1.2	28	17%
	7	0.8	0.8	0.14	0.3	1.1	29	17%
	8	0.9	0.9	0.17	0.4	1.1	21	19%
	9	0.9	0.9	0.13	0.7	1.2	23	14%
	10	0.9	1.0	0.18	0.6	1.2	13	19%
	System Wide	0.9	0.9	0.16	0.3	1.8	246	18%
<i>Temperature deg C</i>	1	24.0	23.3	1.28	22.5	25.9	10	5%
	2	24.9	24.8	1.67	20.9	27.5	25	7%
	3	24.6	24.6	1.36	21.5	27.8	34	6%
	4	26.3	25.9	1.17	24.6	28.2	25	4%
	5	24.7	24.3	2.05	21.6	28.8	38	8%
	6	24.2	24.4	1.23	21.0	26.1	28	5%
	7	24.4	24.8	1.57	20.3	26.7	29	6%
	8	26.2	26.3	2.20	21.8	29.1	21	8%
	9	26.5	26.5	2.05	22.0	30.3	23	8%
	10	26.2	25.5	2.24	22.9	30.0	13	9%
	System Wide	25.1	25.0	1.89	20.3	30.3	246	8%